

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

B6.129P2-Cyp51^{tm1Bfro}/J

RRID:IMSR_JAX:021790

Type: Organism

Proper Citation

RRID:IMSR_JAX:021790

Organism Information

URL: <https://www.jax.org/strain/021790>

Proper Citation: RRID:IMSR_JAX:021790

Description: Mus musculus with name B6.129P2-Cyp51^{tm1Bfro}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: cytochrome P450; family 51; mutant strain|congenic strain: Cyp51

Affected Gene: cytochrome P450; family 51

Genomic Alteration: targeted mutation 1; Simon Horvat

Catalog Number: JAX:021790

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-Cyp51^{tm1Bfro}/J

Record Creation Time: 20250513T053744+0000

Record Last Update: 20260808T050947+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Cyp51^{tm1Bfro}/J.

No alerts have been found for B6.129P2-Cyp51^{tm1Bfro}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Kreft T, et al. (2026) Hepatic management of toxic sterols after acute deletion of Cyp51 from cholesterol synthesis. The Journal of biological chemistry, 302(3), 111188.